

CLAIMS

What is claimed is:

1. A tool for reworking a connector attached to an electronic board and having a plurality of stacked modules, said tool including first and second jaws for grasping and removing a selected one of said modules from said board, a holding structure for holding said board and movement structure for moving said jaws relative to said holding structure, at least one of said jaws adapted for separating a module adjacent the selected module from the selected module such that said selected module can be removed from said connector without damage to said modules adjacent said selected module.
2. The tool according to claim 1, further including a drive structure for moving said first and second jaws between an open position and a closed position along a direction parallel to said selected module for removal.
3. The tool according to claim 1 wherein said at least one jaw is wedge-shaped with first and second inclined surfaces for acting on a corresponding lateral edge of said adjacent modules.
4. The tool according to claim 3, wherein said at least one jaw further includes a slit between said first and second inclined surfaces for receiving the corresponding lateral edge of said selected module therein.
5. The tool according to claim 4 wherein said at least one jaw includes a bottom closed wall at one end of said slit to define a first hook for engaging said selected module to facilitate removal thereof.

- 1 6. The tool according to claim 5, wherein the second of said jaws includes a second hook for
2 engaging said selected module to further facilitate removal thereof.
- 1 7. The tool according to claim 2, wherein said connector includes a longitudinal axis
2 perpendicular to each of said stacked modules, said tool further including a second drive
3 structure for moving said first and second jaws along a direction perpendicular to said
4 electronic board and a third drive structure for moving said first and second jaws along a
5 direction parallel to said longitudinal axis of said connector.
- 1 8. The tool according to claim 7, wherein said third drive structure includes a slide having
2 said first and second jaws and said first and second drive structures positioned thereon.
- 1 9. The tool according to claim 8 further including a locking structure for locking said slide
2 in a selected position.
- 1 10. The tool according to claim 1, further including a pressing member for preventing
2 removal of said adjacent modules during said removal of said selected module.
- 1 11. A method for reworking a connector attached to an electronic board and including a
2 plurality of modules thereon, said method comprising:
- 3 engaging a selected one of said modules between a pair of jaws;
- 4 separating said selected module from a module on both opposing sides of said selected
5 module by moving at least one of said jaws toward the other with said selected module
6 therebetween; and
- 7 thereafter removing said selected module from said connector without damage to said
8 modules on said opposing sides of said selected module.

- 1 12. The method of claim 11 further including hooking said selected module by said at least
2 one of said jaws prior to said removing.

FIG. 12